

UNIVERSITY OF QUEENSLAND

Computer Centre

WEEKLY NEWSLETTER

Date : Week ended 1 July 1971
Authorization : Director of the Computer Centre

1. OPERATIONS

1.1 PDP-10 System

Friday 25 June Investigation of checksum errors on diskpack, 1000-1050
Backup procedure, which could not proceed the previous
night due to checksum errors 1052-1228
Systems development, Batch only off-line, 1300-1400.

Saturday 26 June Timesharing Operation only 1345-1700 for Expo University.

Monday 28 June Printer maintenance, Batch off-line, 1530-1555.

Tuesday 29 June Investigation of checksum errors on diskpack, 1000-1055
Backup procedure, which could not be run previous night
due to checksum errors, 1055-1222
Monthly invoices processed, 2020-2205.

Wednesday 30 June Systems development, 1305-1405.

Schedule for forthcoming week: Maintenance 0700-0900, 2300-2400
Operations 1000-2200

1.2 GE-225 System

Schedule for forthcoming week: Maintenance 0700-0900, 2000-2100
Operations 0900-2000, 2100-2400

2. JULY BULLETIN

The July Bulletin has been incorrectly numbered as Vol. 4 No 6. It should be No 7.

3. MATINV ERROR

There is an error in the MATINV subroutine (classification number D4.205 for the GE-225 and D4.505 for the PDP-10).

The tolerance test in MATINV attempts to divide by zero in some cases, particularly with sparse matrices. The error occurs in the second statement before label 140 which currently reads -

$\text{IF}(\text{ABS}(\text{T3}) / (\text{ABS}(\text{T1}) + \text{ABS}(\text{T2})) . \text{LT.} \text{TOL}) \text{T3} = \emptyset . \emptyset$

This statement should be replaced by

$\text{IF}(\text{ABS}(\text{T3}) . \text{LT.} (\text{ABS}(\text{T1}) + \text{ABS}(\text{T2})) * \text{TOL}) \text{T3} = \emptyset . \emptyset$

The version obtainable from the Computer Centre has now been updated to correct this error.